

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-4 (Canceled)

Claim 5 (New): A device for corrugating a sheet of material comprising;  
a first flexible chamber made of flexible gas-proof material and configured so as to receive said sheet of material;  
a first die system inside said first flexible chamber, said first die system being formed of first dies pivotably joined to each other;  
a second die system outside said first flexible chamber and formed of second dies pivotably joined to each other and further joined to a first plurality of said first dies and to said first flexible chamber at common pivot locations; and  
a vacuum system connected to draw a vacuum in said first flexible chamber.

Claim 6 (New): The device of Claim 5, further comprising an element with a planar outer wall, said first flexible chamber being against said planar outer wall.

Claim 7 (New): The device of Claim 6, wherein said element defines a rigid chamber connected to said vacuum system, such that said planar outer wall is between said rigid chamber and said first flexible chamber, wherein said planar outer wall defines perforations in communication with said rigid chamber such that, when said vacuum system draws a vacuum in said rigid chamber, said first flexible chamber, said first die system and said sheet of material are placed in a plane state against said planar outer wall.

Claim 8 (New): The device of Claim 5, further comprising a second flexible chamber made of flexible gas-proof material and configured so as to receive said second die system, wherein said vacuum system is connected to draw a vacuum in said second flexible chamber.

Claim 9 (New): The device of Claim 8, wherein said second flexible chamber has a common wall with said first flexible chamber.

Claim 10 (New): The device of Claim 9, wherein said common pivot locations are on said common wall.

Claim 11 (New): The device of Claim 5, wherein a second plurality of said first dies are pivotably joined to each other at locations other than said common pivot locations.